

Title (en)

METHOD AND COMPOSITION FOR IN SITU FORMATION OF AN ARTIFICIAL BLOCKAGE TO CONTROL BLOOD LOSS

Title (de)

VERFAHREN UND ZUSAMMENSETZUNG ZUR IN-SITU-BILDUNG EINER KÜNSTLICHEN SPERRE ZUR BEKÄMPFUNG VON BLUTVERLUST

Title (fr)

PROCÉDÉ ET COMPOSITION POUR LA FORMATION IN SITU D'UN BLOCAGE ARTIFICIEL POUR SUPPRIMER UNE PERTE DE SANG

Publication

**EP 2741788 A4 20150325 (EN)**

Application

**EP 12823601 A 20120814**

Priority

- US 201161523401 P 20110814
- US 2012050716 W 20120814

Abstract (en)

[origin: WO2013025685A1] Two siloxane-based mixtures combine to form a soft or semi-solid matrix for forming an artificial blockage to control bleeding, particularly moderate to severe bleeding. The first component includes a homogeneous mixture or solution that includes a polymeric matrix, a surfactant, filler(s) and metal compound(s). The second component includes a homogeneous mixture or solution that includes a polymer(s), a filler(s), a surfactant, and hydrogen peroxide. The combination of the two components is carried out with adequate mixing using mechanical and micro-kinetic mixing mechanisms and can be performed in a field-ready delivery device.

IPC 8 full level

**A61K 31/74** (2006.01); **A61L 15/42** (2006.01); **A61L 24/00** (2006.01)

CPC (source: EP US)

**A61K 31/74** (2013.01 - EP US); **A61K 31/80** (2013.01 - EP US); **A61L 15/425** (2013.01 - US); **A61L 24/001** (2013.01 - EP US); **A61L 24/0015** (2013.01 - EP US); **A61L 24/0089** (2013.01 - EP US); **A61L 26/0009** (2013.01 - US); **A61L 26/0085** (2013.01 - US); **A61P 7/04** (2017.12 - EP); **A61L 2300/11** (2013.01 - EP US); **A61L 2300/404** (2013.01 - EP US); **A61L 2400/04** (2013.01 - EP US); **A61L 2400/06** (2013.01 - US)

Citation (search report)

- [XII] US 2009232877 A1 20090917 - MONTES JOSEPH G [US], et al
- [X] US 5846567 A 19981208 - KALLOO ANTHONY N [US], et al
- See references of WO 2013025685A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013025685 A1 20130221**; AU 2012295120 A1 20140227; CA 2843739 A1 20130221; EP 2741788 A1 20140618; EP 2741788 A4 20150325; US 2012308509 A1 20121206; US 9707251 B2 20170718

DOCDB simple family (application)

**US 2012050716 W 20120814**; AU 2012295120 A 20120814; CA 2843739 A 20120814; EP 12823601 A 20120814; US 201213584852 A 20120814